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Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No. 09/380187

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11/9/99 are:

1 ~~are~~ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. 1 ~~are~~ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:          Black ink. Color.          Color drawings are not acceptable until petition is granted.          Fig(s) _____  <input checked="" type="checkbox"/> Pencil and non black ink not permitted. Fig(s) <u>3</u></p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b)          1 full-tone set is required. Fig(s) _____          Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____          Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)          Paper not flexible, strong, white, and durable.          Fig(s) _____  <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) <u>3</u>          Mylar, velum paper is not acceptable (too thin).          Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:          21.0 cm by 29.7 cm (DIN size A4)          21.6 cm by 27.9 cm (8 1/2 x 11 inches)          All drawing sheets not the same size.          Sheet(s) _____          Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:          Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm          SIZE: A4 Size          Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm          SIZE: 8 1/2 x 11          Margins not acceptable. Fig(s) _____          Top (T) _____ Left (L) _____          Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h)          REMINDER: Specification may require revision to correspond to drawing changes.          Partial views. 37 CFR 1.84(h)(2)          Brackets needed to show figure as one entity.          Fig(s) _____          Views not labeled separately or properly.          Fig(s) _____          Enlarged view not labeled separately or properly.          Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)          Hatching not indicated for sectional portions of an object.          Fig(s) _____          Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)          Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)          Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.          Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(i)          Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality).          Fig(s) _____</p> <p>11. SHADING. 37 CFR 1.84(m)          Solid black areas pale. Fig(s) _____          Solid black shading not permitted. Fig(s) _____          Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)  <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) <u>3</u>          Figure legends are poor. Fig(s) _____          Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)          Fig(s) _____          English alphabet not used. 37 CFR 1.84(p)(2)          Figs _____          Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)          Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q)          Lead lines cross each other. Fig(s) _____          Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)          Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)          Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)          Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152          Surface shading shown not appropriate. Fig(s) _____          Solid black shading not used for color contrast.          Fig(s) _____</p>
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COMMENTS

REVIEWER

Tang

DATE

1/21/00

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ATTACHMENT TO PAPER NO.

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